

AMENDMENT

U.S. Appln. No. 09/915,543

IN THE SPECIFICATION

The specification is amended as follows:

Page 43, line 30 to Page 44, line 18, are amended as follows:

To demonstrate the essential role of the sequence homology domains (HD) of Lgs described in Figures 7A-7B (SEQ ID NOS:2-13) for the propagation of the Wnt signaling pathway, a Tcf-reporter gene assay was performed. In this, HEK293 cells at 50% confluence were plated into 24-well plates and transfected by a lipofection method. 240 ng of TOPFLASH luciferase reporter plasmid (Upstate biotechnology, New York, USA), 4 ng of pCDNA3-ΔArm, 200 ng of pcDNA3-EGFP-hLgs-peptide and 10 ng of a renilla luciferase reporter plasmid pRL-SV40 (Promega Corporation, Madison USA) were diluted into 25 μl of OPTI-MEM Medium (Life Technologies, Inc.) and combined with 1.2 μl of Lipofectamine (Life Technologies, Inc.) in 25 μl OPTI-MEM. After incubation for 20 min, 0.175 ml of OPTI-MEM was added and the mixtures were overlaid onto monolayers of cells. After culturing at 37°C/5% CO₂ for 6 hr, 0.225 ml of OPTI-MEM containing 20% FCS was added to the cultures. Cell extracts were prepared 48h after transfection and assayed for firefly and renilla luciferase activity as described by the manufacturer (Dual luciferase reporter assay system, Promega Corporation). Small peptides including the HD1—HD2 (such as hLgs/Bcl9(199-392) or hLgs/Bcl9(279-392)) strongly inhibit Arm-Tcf transcriptional activity.